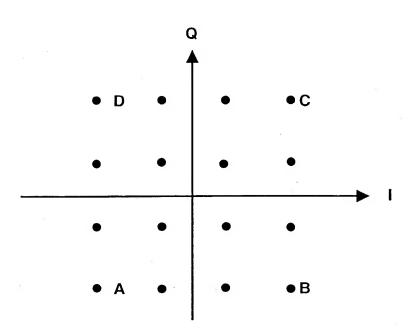
FIG. 1



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F16.3 16-APSK

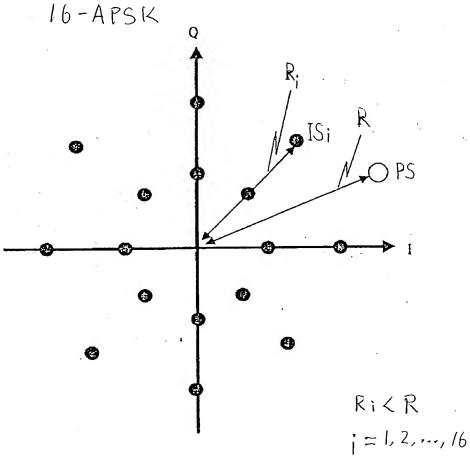
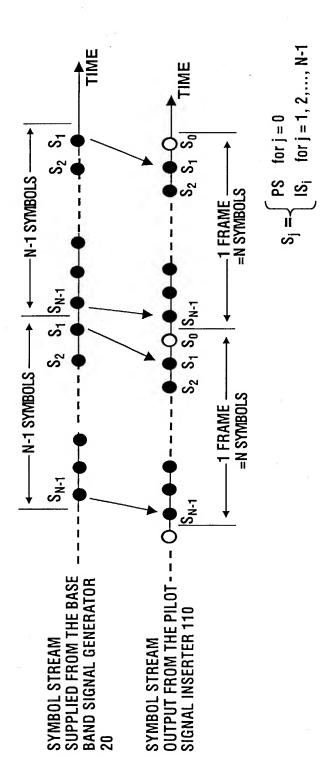


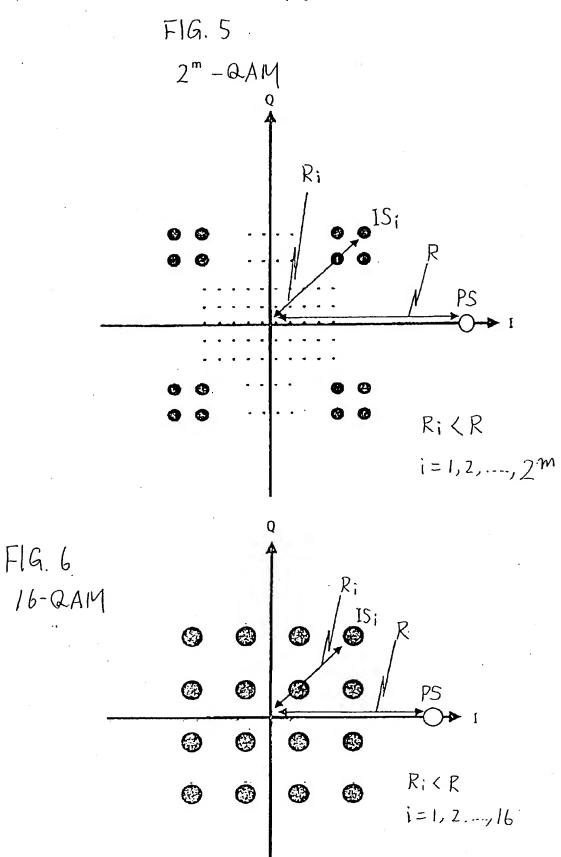
FIG. 4

OPERATION OF THE PILOT SIGNAL INSERTER 110

▶: INFORMATION SYMBOL (ISi) i=1, 2, ..., P P: THE NUMBER OF POSSIBLE STATES

O: PIOLET (or FRAME) SYMBOL (PS)





FLG. 7 8-PSK

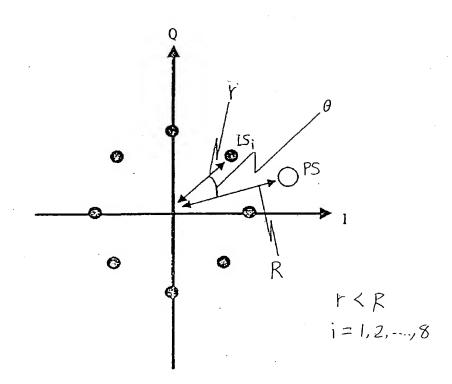


FIG. 8 QPSK

